

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A shaped catalyst body having a macroscopically uniform structure and comprising:

from 5 to 85% by weight of copper oxide as an active component and

Al₂O₃ as oxidic support material and as binder, wherein

- a) the shaped catalyst body has a pore volume of greater than 0.15 ml/g in the pore diameter range from 10 nm to 100 nm, and
- b) the oxidic support material in the shaped body is present both in finely disperse form and also to a proportion by volume of from 1 to 95% by volume of the shaped body in particulate form and is predominantly present as X-ray-amorphous material.

Claims 2-6 (Canceled)

Claim 7 (Currently Amended): The shaped catalyst body according to claim 1, which is an extrudate.

Claim 8 (Withdrawn, Currently Amended): A process for producing a shaped catalyst body according to claim 1, comprising mixing an active component comprising from 10 to 98% by weight of copper oxide and an oxidic support material with a binder comprising the same support material or a precursor thereof and shaping the same to form shaped bodies.

Claim 9 (Withdrawn): The process according to claim 8, wherein from 10 to 98% by weight of the oxidic support material in the catalyst comes from the binder used.

Claim 10 (Withdrawn): A process for the hydrogenation of carbonyl compounds, comprising phase hydrogenating a carbonyl compound in the presence of the shaped catalyst body of claim 1.

Claim 11 (Withdrawn): A process for gas-phase hydrogenation of maleic anhydride comprising gas-phase hydrogenating maleic anhydride in the presence of the shaped catalyst body of claim 1.

Claim 12 (Currently Amended): The shaped catalyst body according to claim 1, wherein the active component additionally includes aluminum oxide and the oxidic support material additionally includes aluminum oxide.

Claim 13 (Currently Amended): The shaped catalyst body according to claim 1, wherein the shaped body has a pore volume of greater than 0.30 ml/g in the pore diameter range from 10 nm to 100 nm.

Claim 14 (Currently Amended): The shaped catalyst body according to claim 1, wherein a BET surface area of said copper oxide is from 10 to 400 m²/g.

Claim 15 (Currently Amended): The shaped catalyst body according to claim 1, wherein said Al₂O₃ is present in an amount ranging from 15 to 95% by weight.

Claim 16 (Currently Amended): The shaped catalyst body according to claim 7, wherein said extrudate is in the form of a cylindrical extrudate, a star extrudate, a ribbed extrudate, a trilobed extrudate, a hollow extrudate, or a honeycombed extrudate.

Claim 17 (Currently Amended): The shaped catalyst body according to claim 16, wherein the diameter of said extrudate is from 0.5 to 10 mm.

Claim 18 (Currently Amended): The shaped catalyst body according to claim 1, wherein the oxidic support material further comprises at least one of titanium oxide, zirconium oxide, silicon oxide, and manganese oxide.

Claim 19 (New): A shaped catalyst body having a macroscopically uniform structure and consisting essentially of:

a catalytically active composition containing 5 to 85% by weight of copper oxide and Al_2O_3 in a fine dispersion, and

Al_2O_3 in particulate form as a binder.

Claim 20 (New): The shaped catalyst body of claim 19 that has a pore volume of greater than 0.15 ml/g for pore diameters in the range 10 nm to 100 nm.

Claim 21 (New): The shaped catalyst body of claim 20, wherein the binder has a particle size greater than about 2 μm or a particle volume greater than about 4 μm^3 .

Claim 22 (New): The shaped catalyst body of claim 21, wherein the proportion of the particulate form of Al_2O_3 ranges from 1 to 95% by volume.

Claim 23 (New): The shaped catalyst body of claim 22, wherein the particulate proportion of Al_2O_3 is predominantly present as X-ray-amorphous material.

Claim 24 (New): The shaped catalyst body of claim 19 which is made by:
admixing metal salts to form a suspension containing copper oxide and Al_2O_3 ,
recovering a catalytically active composition containing CuO and Al_2O_3 ,
admixing the catalytically active composition containing CuO and Al_2O_3 with a binder that comprises Al_2O_3 or precursor thereof,
extruding the admixture to form an extrudate, and
calcining the extrudate at a temperature ranging from 300°C to 800°C .

Claim 25 (New): The shaped catalyst body of claim 24, comprising admixing the catalytically active composition containing CuO and Al_2O_3 with a binder that is boehmite.